

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2000-259102

(43) Date of publication of application: 22.09.2000

(51)Int.Cl.

G09F 9/37

(21)Application number: 11-301179

(71)Applicant: CANON INC

(22)Date of filing:

22.10.1999 (72

(72)Inventor: KISHI ETSURO

TOMITA YOSHINORI

(30)Priority

Priority number: 11003187

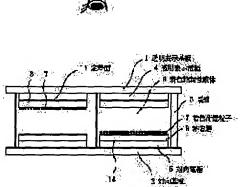
Priority date : 08.01.1999

Priority country: JP

(54) ELECTROPHORECTIC DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an electrophoretic display device which embodies a memory characteristic stable for a long period of time without depending upon an electrode holding charge and without requiring switching control of an open state. SOLUTION: Colored charge particles 7 dispersed in a colored insulative liquid 6 and an insulative coloring liquid 6 are held within the closed spaces enclosed by a transparent display substrate 1, a counter substrate 2 and partition walls 3. Transparent electrodes 4 are arranged on the transparent display substrate 1 in the respective closed spaces and counter electrodes 5 on the counter substrate 2. The transparent electrodes 4 and? the counter electrodes 5 have fixing surfaces 14 at which the colored charge particle 7 gather, Tacky adhesive layers 8 which allow the repetitive adsorption and peel of the colored charge particles are arranged on the surfaces of these fixing surfaces 14, by which the electrophoretic display device is constituted.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]
[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office